TO SEPARATE, HOLD TOP AND BOTTOM EDGES, SNAP-APART AND DISCARD CARBON.

FORM PTO-892 (REV. 2-92)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. 08/862 192	GROUP ART UNIT 2762	ATTACHMENT TO PAPER NUMBER 5

NOTICE OF REFERENCES CITED

APPLICANT(S)
Jeffrey Skolnick

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG / PP. SPEC.
	L							
	M							
	N							
	O							
	P							
	Q							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

X	R	T. Masters, "Practical Neural Network Recipes in C++", Acad. Press Inc., Boston 1993
	S	Metfessel et al, "Pattern Recognition in the prediction of protein structure class," IEEE proceedings of the 26th Hawaii International Conference on system sciences, Jan 1993
	T	Søren Kamaric Riis, "Combining Neural Networks for protein Secondary structure Prediction", IEEE ICNN, Nov-Dec 1995

EXAMINER George Davis	DATE 6/15/98

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

TO SEPARATE, HOLD TOP AND BOTTOM EDGES, SNAP–APART AND DISCARD CARBON

Sheet 2 of 4

FORM PTO-892 (REV. 2-92)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. 08/862 192	GROUP ART UNIT 2762	ATTACHMENT TO PAPER NUMBER 5
NOTICE OF REFERENCES CITED		APPLICANT(S) Jeffrey Skolnick		

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG	PP. SPEC.
	L								
	M								
	N								
	O								
	P								
	Q								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

R	Ruggiero et al, " Peptides Secondary structure Prediction with Neural Networks: A Criterion for Building Appropriate Learning Sets", IEEE Transactions on Biomedical Engineering, VOl. 40. NO. 11, Nov. 1993
S	Willcox et al," Generalization of Protein Structure from Sequence Using a Large Scale Backpropagation Network", IEEE IJCNN, June 1989

EXAMINER George Davis	DATE 6/15/98	

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

FORM PTO-892 (REV. 2-92)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. 08/862192	GROUP ART UNIT 2762	ATTACHMENT TO PAPER NUMBER	5

NOTICE OF REFERENCES CITED

APPLICANT(S)
Skolnick et al

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A							
B							
C							
D							
E							
F							
G							
H							
I							
J							
K							

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG	PP. SPEC.
L									
M									
N									
O									
P									
Q									

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

R	Kneller, " Improvements in Protein Secondary Structure Prediction by An Enhanced Neural Network", J. Mol. Biol., Vol-214, 1990
S	Holley et al, "Neural Networks for protein structure prediction", Methods in Enzymology, Vol-202, 1991
T	Holley et al," protein Secondary structure Prediction with Neural Network", proc. Natl. Acad. Sci., Vol-86, Jan-1989
U	Qian et al, "predicting the Secondary structure of Globular protein Using Neural Network Models", J. Mol. Biol., Vol-202, 1988.

EXAMINER George Davis	DATE 6/15/98	

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

TO SEPARATE, HOLD TOP AND BOTTOM EDGES, SNAP—APART AND DISCARD CARBON

Sheet 4 of 4

| FORM PTO-892 (REV. 2-92) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | SERIAL NO. 08/862192 | GROUP ART UNIT 2762 | ATTACHMENT TO PAPER NUMBER 5 |

NOTICE OF REFERENCES CITED

APPLICANT(S) Skolnick et al

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG	PP. SPEC.
	L								
	M								
	N								
	O								
	P								
	Q								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

R — Shneider et al, "Prediction of the Secondary Structure of proteins from the Amino Acid Sequence with Artificial Neural Networks," Angew. Chem. Int. Ed. Engl. vol. 32, 1993

S — Rost et al, "Improved prediction of protein Secondary structure by use of Sequence Profiles and Neural Networks," Proc. Natl. Acad. Sci., vol. 90, August 1993

EXAMINER George Davis   DATE 6/15/98

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)